

ABSTRACT

A process for the conversion of heavy feedstocks using hydrotreatment, distillation or flash, and deasphalting that includes mixing a heavy feedstock with a hydrogenation catalyst and subjecting the thus-formed mixture to a hydrotreatment reactor for reaction with one or more of hydrogen and hydrogen sulfide to form a first product stream; subjecting the first product stream to a distillation or flash to form a plurality of distillate fractions; and recycling heavies from the distillation residue and/or tar by deasphalting in the presence of a solvent; where the hydrotreatment reaction product is pre-separated under high pressure to form light and heavy fractions and sending the heavy fraction to the distillation and/or flash.